IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	: Group Art Unit: 2154
	: Examiner: Dustin Nguyen
Timothy A. Dietz et al.	: Confirmation No. 5966
Serial No: 10/607,585	:
Filed: June 26, 2003	:
Title: IN A WORLD WIDE WEB	:
COMMUNICATIONS NETWORK	:
SIMPLIFYING THE UNIFORM	:
RESOURCE LOCATORS (URLs)	: Customer No. 25,299
DISPLAYED IN ASSOCIATION WITH	:
RECEIVED WEB DOCUMENTS	:
Date: _07/05/08_	:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear sir:

BRIEF ON APPEAL

This is an Appeal from the Final Rejection of claims 1, 6, 8, 13, 21 and 23 of this Application dated February 6, 2008. Section VIII. Appendix containing a copy of each of the Claims is attached.

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I.   Real Party in Interest

The real party in interest is International Business Machines Corporation, the assignee of the present Application.

II.   Related Appeals and Interferences

None

III.   Status of Claims

A.   TOTAL NUMBER OF CLAIMS IN APPLICATION

There are 6 claims in this Application.

B.   STATUS OF ALL THE CLAIMS

1.   Claims cancelled: 2-5, 7, 9-12, 14-20, and 22.

2.   Claims withdrawn from consideration but not cancelled: none.

3.   Claims pending: 1, 6, 8, 13, 21 and 23.

4.   Claims allowed: None.

5.   Claims rejected: 1, 6, 8, 13, 21 and 23.

C. CLAIMS ON APPEAL

Claims on appeal: 1, 6, 8, 13, 21 and 23.

IV.   Status of Amendments

An Amendment after Final Action filed on May 6, 2008 has been entered, and as set forth in the Office Action mailed 05/15/08, has overcome the Rejections under 35 USC 101, and 35 USC 112, as well as the Objection to the

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Specifications of the Final Office Action of 02/06/08.

V. Summary of Claimed Subject Matter

**Independent claim 1 is annotated as follows with
respect to the Specification and Drawings.**

1.   In a World Wide Web (Web) communication network [Web 60,
Fig. 2, described in Specification on page 10, lines 17-20]
with user access via a plurality of data processor
controlled interactive receiving display stations for
displaying received Web documents [display station 57, Fig.
2, described on page 10, lines 9-12] accessible from
database sources on the Web [sources 61, 62, and 64, Fig. 2,
described on page 11, lines 4-10] a system for simplifying
the Uniform Resource Locators (URLs) [URLs described on page
11, lines 11-22] displayed for each received Web document
comprising:

a service provider for accessing Web documents for said
receiving display stations responsive to user requests
[Service Provider Web Access Server 53, Fig 2, described on
page 10 lines 20-29];

remote Web database source servers [Web Server 65, Fig.
2, described descried on page 11, lines 4-10], responsive to
service provider requests including:

apparatus for accessing requested Web documents from
said database sources [Web server. 65, Fig. 2, accesses
Web documents from database sources 64, as described on
page 11, lines 4-10] and

apparatus for defining the URLs for said accessed Web
documents to include a URL domain section and an
automatically generated URL path portion within a
database source [page 11, lines 11-21];

apparatus in said service provider to convert the

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defined URLs of said accessed Web documents to include a
domain section specifying the service provider's domain and
a path portion within said service provider's domain simpler
and shorter than the defined URL path portion [described
from page 11, line 26 through page 12, line 12];

apparatus in said service provider for respectively
reconverting said converted URLs back to the defined URLs;

wherein Web document requests directed to said
converted URLs will respectively be transmitted through the
service provider to remote database sources on the Web
[described with respect to URL structure on page 12, lines
4-12]; and

apparatus in said service provider for charging a user
a fee for activating said apparatus for converting a defined
URL [step 76, Fig. 3 program, described on page 13, lines 5-
7].

Independent claim 8 is annotated as follows with respect to the Specification and Drawings.

8. In a Web communication network [Web 60, Fig. 2, described in Specification on page 10, lines 17-20] with user access via a plurality of data processor controlled interactive receiving display stations for displaying received Web documents [display station 57, Fig. 2, described on page 10, lines 9-12] accessible from database sources on the Web [sources 61, 62, and 64, Fig. 2, described on page 11, lines 4-10], a method for simplifying the URLs [URLs described on page 11, lines 11-22] displayed for each received Web document comprising:

accessing Web documents through service providers for said receiving display stations responsive to user requests [Service Provider Web Access Server 53, Fig 2, described on page 10 lines 20-29];

accessing requested Web documents from remote Web database source servers [Web Server 65, Fig. 2, described descried on page 11, accesses Web documents from database sources 64, as described on page 11, lines 4-10], responsive to service provider requests;

defining the URLs for said accessed Web documents to include a URL domain section and an automatically generated URL path portion within the database source [page 11, lines 11-21]; and

converting, in said service provider, said defined URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler and shorter than the URL path portion [described from page 11, line 26 through page 12, line 12];

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reconverting said converted URLs, in said service provider, back to the defined URLs; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the database sources on the Web [described with respect to URL structure on page 12, lines 4-12]; and

enabling said service provider to charge a user a fee for activating said apparatus for converting a defined URL [step 76, Fig. 3 program, described on page 13, lines 5-7].

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**Independent claim 21 is annotated as follows with
respect to the Specification and Drawings.**

21. A computer useable medium having stored thereon a
computer readable program [with reference to Fig. 1, page 7,
lines 12-20 describes a computer readable medium such as RAM
14 on which the application programs 40 of this invention
are stored] for simplifying [page 7, lines 19-20] the URLs
displayed for Web documents received at display stations in
a World Wide Web communication network from sources on the
Web, wherein the computer readable program [with respect to
Fig. 3, the computer program is described generally from
page 12, line 13 through page 13, line 17 referring to steps
72-78, Fig. 3] when executed on a computer causes the
computer to:

access Web documents through service providers for said
receiving display stations responsive to user requests [Fig.
3, step 72, described on page 12, lines 18-26];

access requested Web documents from remote Web source
servers, responsive to service provider requests [Fig. 3,
step 72, described on page 12, lines 23-26];

define the URLs for said accessed Web documents to
include a URL domain section and an automatically generated
URL path portion within the source [Fig. 3, step 73,
described on page 12, lines 26-29]; and

convert, in said service provider, defined URLs of said
accessed Web documents to include a domain section
specifying the service provider's domain and a path portion
within said service provider's domain simpler and shorter
than the defined URL path portion [Fig. 3, step 74,
described from page 12, line 29 through page 13, line 2];

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reconvert said converted URLs, in said service provider, back to the defined URLs [Fig. 3, step 77, described on page 13, lines 7-11]; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the remote sources on the Web [Fig. 3, step 78, described on page 13, lines 12-17]; and

enable said service provider to charge a user a fee for activating said apparatus for converting a defined URL [Fig. 3, step 76, described on page 13, lines 5-7].

Dependent claim 13, argued separately is annotated as follows with respect to the Specification and Drawings.
13.   The method of claim 8 wherein said user activating said step of converting is a host of a Web database source defining the defined URL [page 13, lines 2-5 referring to Fig. 3, step 75].

Dependent claim 23, argued separately is annotated as follows with respect to the Specification and Drawings.
23.   The computer program of claim 21 wherein said user activating said step of converting is a host of a Web database source defining the defined URL [page 13, lines 2-5 referring to Fig. 3, step 75].

VI. Grounds of Rejection to be Reviewed on Appeal

Claims 1, 6, 8, 13, 21, and 23 are rejected under 35 U.S.C. 102(e) as being anticipated by Anderson et al., (US2003/0182449).

VII. Argument

Rejection of claims 1, 6, 8, 13, 21, and 23 under 35 USC 102(b) as being anticipated by Anderson et al. (US2003/0182449) is respectfully traversed.

In order to reject under 35 USC 102, the reference must expressly or impliedly teach every element of the invention without modification. Anderson fails to teach every element of the present invention.

An objective of both Anderson and the present invention is to simplify the inputting of complex URLs of documents being accessed by a user at a display station on the Web. Anderson's implementation of this objective is quite different from that of the present invention. Consequently, Anderson fails to teach the following claimed elements of the present invention, (from representative claim 1):

> "apparatus <u>in said service provider to convert the original URLs</u> of said accessed Web documents to <u>include a domain section specifying the service provider's domain</u> and a path portion within said service provider's domain simpler and shorter than the original URL path portion;"

<u>In Anderson, the conversion from primary (original) to secondary is not done in the service provider.</u> Anderson's conversion is done during the entry of the URL at the user

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terminal by the user. Anderson's user selects a hot key to indicate that he wishes to use a simplified approach. The Anderson user then selects a suffix which is representative of and mappable to the destination of the original URL. The Anderson hot key prefix plus the user selected suffix is the secondary or converted address. Thus, Anderson teaches the conversion to the simplified address at the user terminal and not at a service provider.

Furthermore, the domain section i.e. the suffix of Anderson's converted address is clearly not the presently claimed: "...a domain section specifying the service provider's domain ..."

Obviously, any domain desiganted in Anderson's simplifying of addreses at the user terminal will not specify the service provider's domain.

It is submitted that as set forth hereinabove, Anderson fails as an anticipatory reference under 35 USC 102; it does not disclose every element of the independent claims without modification.

Dependent Claims 13, and 21 Include Further Element Not disclosed by Anderson.

In addition, dependent claims 6, 13, and 21 have a further element not disclosed by Anderson: the "user activating said step of converting is a host of a Web database source defining the original URL."

Attention is directed to the Specification of the present Application, page 4, lines 5-15; page 5, lines 19-21; and page 13, lines 2-8 for a description of this element. There is no indication whatsoever in Anderson of this element of the claimed invention.

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Conclusion

In view of the foregoing, it is submitted that claims 1, 6, 8, 13, 21, and 23 are in condition for allowance.

Accordingly, the Board of Appeals is respectfully requested to reverse the Final Rejection and find claims 1, 6, 8, 13, 21, and 23 in condition for allowance.

Respectfully submitted,

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VIII. Claims Appendix

1. In a World Wide Web (Web) communication network with
user access via a plurality of data processor controlled
interactive receiving display stations for displaying
received Web documents accessible from database sources on
the Web, a system for simplifying the Uniform Resource
Locators (URLs) displayed for each received Web document
comprising:

a service provider for accessing Web documents for said
receiving display stations responsive to user requests;

remote Web database source servers, responsive to
service provider requests including:

apparatus for accessing requested Web documents from
said database sources, and

apparatus for defining the URLs for said accessed Web
documents to include a URL domain section and an
automatically generated URL path portion within a
database source;

apparatus in said service provider to convert the
defined URLs of said accessed Web documents to include a
domain section specifying the service provider's domain and
a path portion within said service provider's domain simpler
and shorter than the defined URL path portion;

apparatus in said service provider for respectively
reconverting said converted URLs back to the defined URLs;

wherein Web document requests directed to said
converted URLs will respectively be transmitted through the
service provider to remote database sources on the Web; and

apparatus in said service provider for charging a user

a fee for activating said apparatus for converting a defined URL.

6. The Web network of claim 4 wherein said user activating said apparatus for converting is a host of a Web database source defining the defined URL.

8. A Web communication network with user access via a plurality of data processor controlled interactive receiving display stations for displaying received Web documents accessible from database sources on the Web, a method for simplifying the URLs displayed for each received Web document comprising:

accessing Web documents through service providers for said receiving display stations responsive to user requests;

accessing requested Web documents from remote Web database source servers, responsive to service provider requests;

defining the URLs for said accessed Web documents to include a URL domain section and an automatically generated URL path portion within the database source; and

converting, in said service provider, said defined URLs of said accessed Web documents to include a domain section specifying the service provider's domain and a path portion within said service provider's domain simpler and shorter than the URL path portion;

reconverting said converted URLs, in said service provider, back to the defined URLs; wherein Web document requests directed to said converted URLs will respectively be transmitted through the service provider to the database

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sources on the Web; and

enabling said service provider to charge a user a fee for activating said apparatus for converting a defined URL.

13. The method of claim 8 wherein said user activating said step of converting is a host of a Web database source defining the defined URL.

21. A computer useable medium having stored thereon a
computer readable program for simplifying the URLs displayed
for Web documents received at display stations in a World
Wide Web communication network from sources on the Web,
wherein the computer readable program when executed on a
computer causes the computer to:

access Web documents through service providers for said
receiving display stations responsive to user requests;

access requested Web documents from remote Web source
servers, responsive to service provider requests;

define the URLs for said accessed Web documents to
include a URL domain section and an automatically generated
URL path portion within the source; and

convert, in said service provider, defined URLs of said
accessed Web documents to include a domain section
specifying the service provider's domain and a path portion
within said service provider's domain simpler and shorter
than the defined URL path portion;

reconvert said converted URLs, in said service
provider, back to the defined URLs; wherein Web document
requests directed to said converted URLs will respectively
be transmitted through the service provider to the remote
sources on the Web; and

enable said service provider to charge a user a fee for
activating said apparatus for converting a defined URL.

23. The computer program of claim 21 wherein said user
activating said step of converting is a host of a Web
database source defining the defined URL.

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IX. Evidence Appendix

There was no evidence presented in the prosecution of the present Application.

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X. Related Proceedings Appendix

There are no proceedings related to the present proceedings.